

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-11 (canceled).

12. (Currently Amended) An air conditioner for use in a vehicle, comprising:

a housing comprising first and second inlets;

a single scroll case having first and second compartments, the first compartment having an opening on a first scroll case wall, the second compartment having an opening on a second scroll case wall;

a single door located in an area in proximity to the first and second inlets, the door being configured to change a position thereof within the door area;

a first air passage extending from the door area to the opening of the first compartment;

a second air passage extending from the door area to the opening of the second compartment along a third scroll case wall, which is a wall of the housing formed around the first and second scroll case walls; and

a structure formed on a surface of the scroll case facing the door area; [[and]]

wherein the single door and the first and second inlets are configured to face either of the openings of the first and second compartments, the structure comprises a wall extending from the scroll case toward the door area, the structure is configured such that the position of the door relative to the structure can control air flows into the first and second passages from at least one of the first and second inlets, and the structure is further configured such that, when the door is in a position closest to the structure, the first air passage is connected substantially to the first inlet while the second air passage is connected substantially to the second inlet.

13. (Canceled)

14. (Previously Presented) The air conditioner of Claim 12, wherein the structure is further configured such that, when the door is in a position closest to the structure, the door area is divided into two passages with substantially no fluid communication with each other.

15. (Previously Presented) The air conditioner of Claim 12, wherein the structure is further configured such that the position of the door relative to the structure determines relative amounts of air flows through the first and second inlets into the door area, and further determines relative amounts of air flows through the first and second air passages.

16. (Previously Presented) The air conditioner of Claim 12, wherein the door is hinged at a point between the first and second inlets, and configured to hingedly move between a position closing the first inlet and a position closing the second inlet.

17. (Previously Presented) The air conditioner of Claim 16, wherein both of the first and second inlets are at least partially open when the door is at a position between the two closing positions.

18. (Canceled)

19. (Withdrawn) The air conditioner of Claim 12, wherein the structure comprises a depression on the surface of the scroll case.

20. (Previously Presented) The air conditioner of Claim 12, wherein the first and second inlets are configured to receive the air flows from different sources.

21. (Previously Presented) The air conditioner of Claim 12, further comprising first and second fans, wherein the first fan is located in the first compartment and configured to generate a first air flow within the housing, wherein the second fan is located in the second compartment and configured to generate a second air flow within the housing, and wherein the housing comprises an internal structure configured to substantially separate the first air flow from the second air flow.

22. (Previously Presented) The air conditioner of Claim 12, wherein the housing comprises a controllable structure configured to allow communication between the first and second air flows.

23. (Previously Presented) The air conditioner of Claim 12, wherein the second scroll case wall is arranged in a substantially opposing relationship to the first scroll case wall.

24. (Previously Presented) The air conditioner of Claim 12, wherein the third scroll case wall constitutes a wall of the second air passage.

25. (Previously Presented) The air conditioner of Claim 12, wherein the first and second compartments are substantially the same in size.

26. (Previously Presented) The air conditioner of Claim 12, wherein the surface of the scroll case where the structure is formed is a surface of either of the first and second scroll case walls.

27. (Currently Amended) An air conditioner for use in a vehicle, comprising:
a housing comprising first and second inlets;
a single scroll case having first and second compartments, each having an opening, the openings of the first and second compartments not facing each other;
a single door located in an area in proximity to the first and second inlets, the door being configured to change a position thereof within the door area;
a first air passage extending from the door area to the opening of the first compartment;
a second air passage extending from the door area to the opening of the second compartment;
a wall extending from the scroll case toward the door area and dividing the first and second air passages; and

wherein the single door and the first and second inlets are configured to face either of the openings of the first and second compartments, the wall and the single door are configured to cooperatively control air flows into the first and second passages from at least one of the first and second inlets, and the wall and the single door are further configured such that, when the door is in a position closest to the wall, the first air passage is connected substantially to the first inlet while the second air passage is connected substantially to the second inlet.

28. (Previously Presented) The air conditioner of Claim 27, wherein the wall is configured such that, when the door is in a position closest to the wall, the first air passage is connected substantially solely to the first inlet while the second air passage is connected substantially solely to the second inlet.

29. (Previously Presented) The air conditioner of Claim 27, wherein the second air passage comprises a portion extending along a side of the scroll case.

30. (Previously Presented) The air conditioner of Claim 27, further comprising first and second fans located in the first and second compartments of the scroll case, respectively, and further comprising a motor for driving the first and second fans, wherein the motor is located outside the scroll case.

31. (Previously Presented) The air conditioner of Claim 27, wherein the door is hinged at a point between the first and second inlet, and wherein the door is configured to hingedly move between a position closing the first inlet and a position closing the second inlet.